



2681

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q60082

#4

Toshifumi SATO

Appln. No.: 09/614,592

Group Art Unit: 2744

Confirmation No.: Not Assigned

Examiner: Not Assigned

Filed: July 12, 2000

For: **PATH SEARCH CIRCUIT FOR SIMULTANEOUSLY PERFORMING ANTENNA  
□DIRECTIVITY CONTROL AND PATH SEARCH**

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 and 1.98**

**RECEIVED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**JUL 07 2003**  
Technology Center 2600

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. European Patent Application No. 0 806 844 A1, published on November 12, 1997.
2. Thomas T A et al: "Novel Receiver Space-Time Processing For Interference Cancellation and Equalization in Narrowband TDMA Communication", Vehicular Technology Conference, 1997, IEEE 47<sup>th</sup> Phoenix, AZ, USA 4-7 may 1997, New York, NY, USA, IEEE, US, May 4, 1997, pages 160-164, XP010228770.

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3. Thompson J S et al: "Smart-Antenna Arrays For CDMA Systems", IEEE Personal Communications, IEEE Communications Society, US, vol. 3, no. 5, October 1, 1996, pages 16-25, XP000635696.

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding Communication from the European Patent Office dated April 8, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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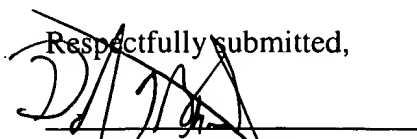


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PATENT TRADEMARK OFFICE

Date: July 3, 2003

Respectfully submitted,

  
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